

POTENTIAL HAZARDOUS WASTE SITE

IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION VI SITE NUMBER (to be assigned by EPA) LA03140

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and II through E as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency, Site Tracking System, Hazardous Waste Enforcement Task Force (EM-335), 401 M St., SW, Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME International Paper Co.		B. STREET (or other identifier) 705 Colliers Lane, 4 mi NE of Cooper Lake Road	
C. CITY Bastrop	D. STATE LA	E. ZIP CODE 71220	F. COUNTY NAME Morehouse
G. OWNER/OPERATOR (if known) 1. NAME (P.O. Box 312) Louisiana Mill Landfill Robert G. Goins, Mill Manager		H. TELEPHONE NUMBER 318/381-2211	
I. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			
J. SITE DESCRIPTION Facility consists of several surface impoundments used for storage and treatment and one sanitary landfill. All of them are presently being used. One pond (Aerated stabilization basin) was being closed as of 5/5/82.			
K. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) Superfund Notification Form		L. DATE IDENTIFIED (mo., day, & yr.) 6/9/81	
M. PRINCIPAL STATE CONTACT 1. NAME Philip Sporn		N. TELEPHONE NUMBER 318/362-5439	

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input checked="" type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN		B. RECOMMENDATION <input type="checkbox"/> 1. NO ACTION NEEDED (no record) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input checked="" type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY:	
C. PREPARER INFORMATION 1. NAME Bharat Patel The Earth Technology Corporation		D. TELEPHONE NUMBER 201/560-1650 E. DATE (mo., day, & yr.) 7/2/84	

III. SITE INFORMATION

A. SITE STATUS <input checked="" type="checkbox"/> 1. ACTIVE (These industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if in some quantity.) <input type="checkbox"/> 2. INACTIVE (These sites which no longer receive waste.) <input type="checkbox"/> 3. OTHER (specify: (These sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)	
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code): 2621	
C. AREA OF SITE (in acres) Total property 480 Acres	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg.-min.-sec.) 32°48'45" N 2. LONGITUDE (deg.-min.-sec.) 91°52'30" W
E. ARE THERE BUILDINGS ON THE SITE? <input checked="" type="checkbox"/> 1. NO <input type="checkbox"/> 2. YES (specify):	

9124054



REVIEWED BY: JRC  
DATE: 8/1/84



IV. CHARACTERIZATION OF SITE ACTIVITIES			
Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.			
<b>A. TRANSPORTER</b>	<b>B. STORER</b>	<b>C. TREATER</b>	<b>D. DISPOSER</b>
1. RAIL	1. PILE	1. FILTRATION	X 1. LANDFILL
2. SHIP	X 2. SURFACE IMPOUNDMENT*	2. INCINERATION	2. LANDFARM
3. BARGE	3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP
4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	X 5. CHEM./PHYS. TREATMENT	5. MIDNIGHT DUMPING
6. OTHER (specify):	6. OTHER (specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION
	* Inorganic settling ponds only (See Attachment A)	7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER (specify):
		9. OTHER (specify):	Sanitary Landfill (150 Acres)

**E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED**  
 The surface impoundments are used as part of the sewer/wastewater treatment system. The treatments employed include settling and other physical/chemical treatments. The settled solids are dredged periodically and are disposed of either in landfill or are shipped off-site.

V. WASTE RELATED INFORMATION					
<b>A. WASTE TYPE</b>					
<input type="checkbox"/> 1. UNKNOWN <input type="checkbox"/> 2. LIQUID <input checked="" type="checkbox"/> 3. SOLID <input type="checkbox"/> 4. SLUDGE <input type="checkbox"/> 5. GAS					
<b>B. WASTE CHARACTERISTICS</b>					
<input type="checkbox"/> 1. UNKNOWN <input checked="" type="checkbox"/> 2. CORROSIVE <input type="checkbox"/> 3. IGNITABLE <input type="checkbox"/> 4. RADIOACTIVE <input type="checkbox"/> 5. HIGHLY VOLATILE <input type="checkbox"/> 6. TOXIC <input type="checkbox"/> 7. REACTIVE <input type="checkbox"/> 8. INERT <input type="checkbox"/> 9. FLAMMABLE					
<input checked="" type="checkbox"/> 10. OTHER (specify): Non-hazardous solid waste					
<b>C. WASTE CATEGORIES</b>					
1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.					
Yes, Permit applications (state file), letter from Mill Manager (11/20/81).					
2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.					
<b>a. SLUDGE</b>	<b>b. OIL</b>	<b>c. SOLVENTS</b>	<b>d. CHEMICALS</b>	<b>e. SOLIDS</b>	<b>f. OTHER</b>
AMOUNT N/A	AMOUNT N/A	AMOUNT N/A	AMOUNT N/A	AMOUNT 4055	AMOUNT N/A
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE tons/wk	UNIT OF MEASURE
X (1) PAINT, PIGMENTS	X (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	X (1) FLYASH	X (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(2) OTHER (specify):	(3) CAUSTIC	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			(6) CYANIDE	X (6) OTHER (specify):	
			(7) PHENOLS	Industrial Waste (See Attachment A for details)	
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify):		



- 16. SEWAGE TREATMENT PLANT
- 17. SEWAGE TREATMENT PLANT
- 18. SEWAGE TREATMENT PLANT
- 19. SEWAGE TREATMENT PLANT
- 20. SEWAGE TREATMENT PLANT
- 21. SEWAGE TREATMENT PLANT
- 22. SEWAGE TREATMENT PLANT

# V. WASTE RELATED INFORMATION (cont.)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

Caustics

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.  
Method of storage for the caustics was not indicated.

## VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH	X			
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY	X			
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER	X			
8. CONTAMINATION OF SURFACE WATER	X			
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL	X			
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				



### VII. PERMIT INFORMATION

**A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.**

#LAD007561

- ☒ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT (specify): Interim Permit, Solid Waste Management, For Landfill (#IP-0119) & Impoundments (#IP-0153)  
☒ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER  
☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER  
☐ 10. OTHER (specify): RCRA Part A Application - EPA ID# LAD008167819 & IA-GD-821 State Permit was rescinded.

**B. IN COMPLIANCE?**

- ☐ 1. YES ☐ 2. NO ☒ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number):

### VIII. PAST REGULATORY ACTIONS

- ☐ A. NONE ☒ B. YES (summarize below) Several violations were found during sanitary landfill inspection on 10/29/81. A letter was issued on 11/2/81 by DNR and it was suggested that extensive engineering and management modifications be made in order to bring the site into compliance.

### IX. INSPECTION ACTIVITY (past or on-going)

- ☐ A. NONE ☒ B. YES (complete items 1, 2, 3, & 4 below) See Attachment A

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

### X. REMEDIAL ACTIVITY (past or on-going)

- ☒ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

**NOTE:** Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.



IX.

## INSPECTION ACTIVITY

Type of Activity	Date	Performed by	Description
1) Sanitary Landfill Inspection	10/29/81	state	See Section VIII
2) Interim Operation Evaluation	4/29/82	state	No violations found
3) Interim Operation Evaluation	7/26/82	state	No violations
4) Interim Operation Evaluation	7/18/83	state	No deficiencies
5) Interim Operation Evaluation	4/17/84	state	No violations

## ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE  
IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

INSTRUCTION - This sheet is provided to give additional information in explanation of a question on the Form T2070-2.

Corresponding  
Number on Form

## Additional Remark and/or Explanation

IV.B

All impoundments serve as part of the Mill's process sewer/wastewater treatment:

- 1) North Inorganic Solids Settling Basin
- 2) South Inorganic Solids Settling Basin
- 3) Water Treatment Plant Wastewater Basin
- 4) Emergency Spill Basin At Clarifiers
- 5) Aerated Stabilization Basin
- 6) Aerated Stabilization Basin Pilot Plant
- 7) Wham Impounding Basin

V.C.2e

Type of waste (and source of wastes) disposed at landfill.

TYPE	SOURCE
Bark and Grit	Woodyard
General Refuse (Sanitary)	Mill
Primary Sludge with Screening	Effluent-treatment
Green Liquor Dregs	Recausticizing Area
Lime Mud	Recausticizing Area
Slaker Grit	Recausticizing Area
Flyash	Boilers

IX.

## INSPECTION ACTIVITY

Type of Activity	Date	Performed by	Description
1) Sanitary Landfill Inspection	10/29/81	state	See Section VIII
2) Interim Operation Evaluation	4/29/82	state	No violations found
3) Interim Operation Evaluation	7/26/82	state	No violations
4) Interim Operation Evaluation	7/18/83	state	No deficiencies
5) Interim Operation Evaluation	4/17/84	state	No violations



ATTACHMENT A

POTENTIAL HAZARDOUS WASTE SITE  
IDENTIFICATION AND PRELIMINARY ASSESSMENT SUPPLEMENT SHEET

INSTRUCTION - This sheet is provided to give additional information in explanation of a question on the Form T2070-2.

Corresponding  
Number on Form

Additional Remark and/or Explanation

I-I.

This facility produces bleached paper products. On July 5, 1984 the paper mill was reclassified as a non-handler of hazardous wastes. The mill has two inorganic settling ponds which are dredged periodically and the waste sludge is disposed at a solid waste landfill. Plant effluent flows from these settling ponds to their aeration basins. The plant effluent eventually reaches Wham Brake via Stalking Head Creek. Wham Brake is a 5,500 acre impoundment and is located approximately 15 miles from the mill. Columbia Chemical Company also discharges into the Wham Brake.

IV-A.i.

Sampling Information - Since there are no inactive hazardous waste facilities on-site and the mill is now considered as a non-handler of hazardous wastes, sampling was not necessary.

XIII-J.

The site is located in Pleistocene deposits consisting of silty clay with clay pockets and silt and sand pockets and lenses. The average Field Coefficient of Permeability ranges between  $2 \times 10^{-6}$  to  $5 \times 10^{-7}$  cm/sec, and the Laboratory Coefficient of Permeability ranges between  $3 \times 10^{-6}$  to  $1 \times 10^{-8}$  cm/sec.

The most important water-bearing strata in the area is Sparta Sand of Eocene age. The Sparta Sand is composed mostly of interconnected sand beds which become more coarsely-grained at the base. Near Bastrop, two massive sands are present. The upper sand ranges from 100 to 140 feet in thickness and are generally fine-grained in texture. The lower sand has a coarser texture and has similar thickness.